

# NSPS OOOOa Annual Report

Pursuant to 40 CFR § 60.5420a(b)  
ver. 11.05.14

## Company Information

§60.5420a(b)(1)

Company Name: Bonanza Creek Energy Operating Company, LLC

Company Mailing Address:	P.O. Box 2060	Magnolia	AR	71754
	Street Address	City	State	Zip Code

For information regarding this report please contact the following:

Contact Name: Brent Barnett

Contact Phone Number: 870-235-0404

Contact Email Address: [bbarnett@bonanzacrk.com](mailto:bbarnett@bonanzacrk.com)

## Reporting Period

Compliance Period Start Date: 8/2/2016

Compliance Period End Date: 8/2/2017

Date Report Submitted: 10/24/2017

## Certification By a Responsible Official

**Statement of Certification:** Based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate and complete.

\* Entering your name on the Signature line below constitutes your e-signature, and you are agreeing to the terms set forth in this Section. This report will NOT be considered complete without an authorizing signature.

Name of Certifying Official: Chris Rogers

Title of Certifying Official: Operations Manager

Email Address: [Cr Rogers@bonanzacrk.com](mailto:Cr Rogers@bonanzacrk.com)

Phone Number: 870-235-0400

Signature: 

Signature Date: 10-24-2017

RECEIVED  
US EPA, DALLAS, TX  
ASSOCIATE DIRECTOR  
17 OCT 26 PM 2:41  
COMPLIANCE ASSURANCE  
& ENFORCEMENT DIV.

## List of Affected Facilities

§60.5420a(b)

§60.5420a(b)

[illegible]



§60.5420a(b)(2)

§60.5420a(b)(2)

[illegible]

Fugitive Affected Facilities													Fugitive Affected Facilities															
§60.5420a(b)(7)													§60.5420a(b)(7)															
																									OGI	Compressor Station Affected Facility Only		
Facility Name	Equipment ID Tag Number	Fugitive Facility type	Date of Survey (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(iii))	Survey End Time * (§60.5420a(b)(7)(iii))	Name of Surveyor * (§60.5420a(b)(7)(ii)(i))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(iv))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(viii))	Type of Component Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in §60.5397a(h) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xii))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xiii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))	Was a monitoring survey waived under § 60.5397a(g)(5)? * (§60.5420a(b)(7)(j))	If a monitoring survey was waived, the calendar months that make up the quarterly monitoring period for which the monitoring survey was waived. * (§60.5420a(b)(7)(j))	
Link Warnock 4	N/A	Well	4/25/2017	10:00 AM	11:00 AM	(b) (6)	75	Clear	4	FLIR Camera	None	Thief Hatch	1	N/A	0	N/A	0	N/A	0	4/25/2017	N/A	0	N/A	FLIR Camera	24 Hr OGI Training, 2+ years OGI experience	NO	N/A	
Link Warnock 4	N/A	Well	4/25/2017	10:00 AM	11:00 AM		75	Clear	4	FLIR Camera	None	Thief Hatch	1	N/A	0	N/A	0	N/A	0	4/25/2017	N/A	0	N/A	FLIR Camera	24 Hr OGI Training, 2+ years OGI experience	NO	N/A	
Willis Jameson 5	2493	Well	4/25/2017	11:15 AM	12:00 PM		78	Clear	6	FLIR Camera	None	Oil Dump Leg	1	N/A	0	N/A	0	N/A	0	4/25/2017	N/A	0	N/A	FLIR Camera	24 Hr OGI Training, 2+ years OGI experience	NO	N/A	
Willis Jameson 5	N/A	Well	4/25/2017	11:15 AM	12:00 PM		78	Clear	6	FLIR Camera	None	Thief Hatch	1	N/A	0	N/A	0	N/A	0	4/25/2017	N/A	0	N/A	FLIR Camera	24 Hr OGI Training, 2+ years OGI experience	NO	N/A	
Willis Jameson 5	N/A	Well	4/25/2017	11:15 AM	12:00 PM		78	Clear	6	FLIR Camera	None	Thief Hatch	1	N/A	0	N/A	0	N/A	0	4/25/2017	N/A	0	N/A	FLIR Camera	24 Hr OGI Training, 2+ years OGI experience	NO	N/A	
Willis Jameson 5	N/A	Well	4/25/2017	11:15 AM	12:00 PM		78	Clear	6	FLIR Camera	None	Thief Hatch	1	N/A	0	N/A	0	N/A	0	4/25/2017	N/A	0	N/A	FLIR Camera	24 Hr OGI Training, 2+ years OGI experience	NO	N/A	
Willis Jameson 5	N/A	Well	4/25/2017	11:15 AM	12:00 PM		78	Clear	6	FLIR Camera	None	Thief Hatch	1	N/A	0	N/A	0	N/A	0	4/25/2017	N/A	0	N/A	FLIR Camera	24 Hr OGI Training, 2+ years OGI experience	NO	N/A	
Willis Jameson 5	N/A	Well	4/25/2017	11:15 AM	12:00 PM		78	Clear	6	FLIR Camera	None	Polish rod packing	1	N/A	0	N/A	0	N/A	0	4/25/2017	N/A	0	N/A	FLIR Camera	24 Hr OGI Training, 2+ years OGI experience	NO	N/A	
Willis Jameson 5	2537	Well	4/25/2017	11:15 AM	12:00 PM		78	Clear	6	FLIR Camera	None	Top Access Plate Gasket	1	N/A	0	N/A	0	N/A	0	4/27/2017	N/A	0	N/A	TVA 20/20	24 Hr OGI Training, 2+ years OGI experience	NO	N/A	
Phillips Nipper 6	N/A	Well	4/25/2017	1:30 PM	2:00 PM		80	Clear	8	FLIR Camera	None	N/A	0	N/A	0	N/A	0	N/A	0	N/A	N/A	N/A	0	N/A	FLIR Camera	24 Hr OGI Training, 2+ years OGI experience	NO	N/A
Macedonia Compressor Station	N/A	Dehy Unit	4/25/2017	2:15 PM	3:15 PM		82	Clear	9	FLIR Camera	None	Regulator	1	N/A	0	N/A	0	N/A	0	4/25/2017	N/A	0	N/A	FLIR Camera	24 Hr OGI Training, 2+ years OGI experience	NO	N/A	
Macedonia Compressor Station	1754	Dehy Unit	4/25/2017	2:15 PM	3:15 PM		82	Clear	9	FLIR Camera	None	Valve	1	N/A	0	N/A	0	N/A	0	4/25/2017	N/A	0	N/A	FLIR Camera	24 Hr OGI Training, 2+ years OGI experience	NO	N/A	
Macedonia Compressor Station	N/A	Compressor	4/25/2017	2:15 PM	3:15 PM		82	Clear	9	FLIR Camera	None	LP Connector	1	N/A	0	N/A	0	N/A	0	4/25/2017	N/A	0	N/A	FLIR Camera	24 Hr OGI Training, 2+ years OGI experience	NO	N/A	
Macedonia Compressor Station	N/A	Compressor	4/25/2017	2:15 PM	3:15 PM		82	Clear	9	FLIR Camera	None	LP Connector	1	N/A	0	N/A	0	N/A	0	4/25/2017	N/A	0	N/A	FLIR Camera	24 Hr OGI Training, 2+ years OGI experience	NO	N/A	
Macedonia Compressor Station	N/A	Compressor	4/25/2017	2:15 PM	3:15 PM		82	Clear	9	FLIR Camera	None	LP Connector	1	N/A	0	N/A	0	N/A	0	4/25/2017	N/A	0	N/A	FLIR Camera	24 Hr OGI Training, 2+ years OGI experience	NO	N/A	
Macedonia Compressor Station	1752	Compressor	4/25/2017	2:15 PM	3:15 PM		82	Clear	9	FLIR Camera	None	HP Seal	1	N/A	0	N/A	0	N/A	0	7/17/2017	N/A	1	Unsafe to repair until shutdown	TVA 20/20	24 Hr OGI Training, 2+ years OGI experience	NO	N/A	
Macedonia Compressor Station	1753	Compressor	4/25/2017	2:15 PM	3:15 PM		82	Clear	9	FLIR Camera	None	Valve	1	N/A	0	N/A	0	N/A	0	4/25/2017	N/A	0	N/A	TVA 20/20	24 Hr OGI Training, 2+ years OGI experience	NO	N/A	
Macedonia Compressor Station	N/A	Compressor	4/25/2017	2:15 PM	3:15 PM		82	Clear	9	FLIR Camera	None	Valve	1	N/A	0	N/A	0	N/A	0	4/25/2017	N/A	0	N/A	FLIR Camera	24 Hr OGI Training, 2+ years OGI experience	NO	N/A	
Macedonia Compressor Station	N/A	Compressor	4/25/2017	2:15 PM	3:15 PM		82	Clear	9	FLIR Camera	None	LP Connector	1	N/A	0	N/A	0	N/A	0	4/25/2017	N/A	0	N/A	FLIR Camera	24 Hr OGI Training, 2+ years OGI experience	NO	N/A	
Macedonia Compressor Station	N/A	Compressor	4/25/2017	2:15 PM	3:15 PM		82	Clear	9	FLIR Camera	None	LP Connector	1	N/A	0	N/A	0	N/A	0	4/25/2017	N/A	0	N/A	FLIR Camera	24 Hr OGI Training, 2+ years OGI experience	NO	N/A	
Macedonia Compressor Station	N/A	Compressor	4/25/2017	2:15 PM	3:15 PM		82	Clear	9	FLIR Camera	None	LP Connector	1	N/A	0	N/A	0	N/A	0	4/25/2017	N/A	0	N/A	FLIR Camera	24 Hr OGI Training, 2+ years OGI experience	NO	N/A	
Macedonia Compressor Station	93755	Compressor	9/25/2017	1:40 PM	2:40 PM		86	Clear	0	FLIR Camera	None	Valve	1	N/A	0	N/A	0	N/A	0	10/23/2017	Valve Handle	1	Unsafe to repair until shutdown	TVA 20/20	Alliance Source Testing FLIR Camera Course	NO	N/A	
Macedonia Compressor Station	93756	Compressor	9/25/2017	1:40 PM	2:40 PM		86	Clear	0	FLIR Camera	None	Flange	1	N/A	0	N/A	0	N/A	0	9/25/2017	N/A	0	N/A	TVA 20/20	Alliance Source Testing FLIR Camera Course	NO	N/A	
Macedonia Compressor Station	93757	Tank	9/25/2017	1:40 PM	2:40 PM		86	Clear	0	FLIR Camera	None	Thief Hatch	1	N/A	0	N/A	0	N/A	0	9/26/2017	N/A	0	N/A	TVA 20/20	Alliance Source Testing FLIR Camera Course	NO	N/A	



Reciprocating Compressor Affected Facilities	
§60.5420a(b)(4)	

	Operations Tracking 60.5420a(b)(4)(i)	
--	---------------------------------------	--

[illegible]



RECEIVED  
DALLAS, TX  
ASSOCIATED INDUSTRIES  
17 OCT 29 PM 2:47  
COMPLIANCE ASSURANCE  
& ENFORCEMENT DIV.

1000 Southwestern Energy Drive  
Conway, AR 72032  
(501) 548-6700

October 24, 2017

USEPA Administrator  
Mr. Scott Pruitt  
William Jefferson Clinton Building  
1200 Pennsylvania Avenue, N.W.  
**Mail Code:** 1101A  
Washington, DC 20460  
Phone: (202) 564-4700

USEPA Region VI (6EN-A)  
Mr. Steve Thompson, Branch Chief  
1445 Ross Avenue, Suite 1200  
**Mail Code:** 6EN  
Dallas, TX 75202  
Phone: (214) 665-2769

Arkansas Department of Environmental Quality  
Air Division Manager  
Mr. Thomas Rheaume  
5301 Northshore Drive  
North Little Rock, AR 72118  
Phone: (501) 682-0762

**RE: DeSoto Gathering Company, LLC – NSPS 40 CFR Part 60 Subpart OOOOa**

To Whom It May Concern:

DeSoto Gathering Company, LLC respectfully submits the enclosed Annual Report per requirements in 60.5420(b)(7).

If you have any questions regarding the information in the notifications, please contact me at (501) 548-6787 or at [darren\\_jones@swn.com](mailto:darren_jones@swn.com).

Sincerely,

A handwritten signature in blue ink that reads "Darren Jones".

Darren Jones  
Environmental Air Specialist



# NSPS OOOOa Annual Report

Pursuant to 40 CFR § 60.5420(b)

## Company Information

§60.5420(b)(1)

Company Name: DeSoto Gathering Company

Company Mailing Address: 1000 SWN Drive Conway AR 72032  
Street Address City State Zip Code

### Technical Contact Information

Contact Name: Darren Jones, SWN HS&E

Contact Phone Number: (501) 548-6787

Contact Email Address: Darren\_Jones@swn.com

## Reporting Period

Compliance Period Start Date: 8/2/2016

Compliance Period End Date: 8/2/2017

## Certification of Truth, Accuracy, and Completeness (By Responsible Official)

**Statement of Certification:** Based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Name of Certifying Official: John Lee

Phone Number: (501) 548-6640

Email Address: John\_Lee@swn.com

Signature



Date:

10/24/17

Title of Certifying Official: Vice President of Midstream Field Operations

For the collection of fugitive emissions components at each well site and the collection of fugitive emissions components at each compressor station within the company-defined area, an owner or operator must include the records of each monitoring survey including the information specified in paragraph (b)(6).

The asterisk (\*) next to each field indicates that the corresponding field is required.

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (\$60.5420a(b)(1))	Date of Survey * (\$60.5420a(b)(7)(i))	Survey Begin Time * (\$60.5420a(b)(7)(ii))	Survey End Time * (\$60.5420a(b)(7)(iii))	Name of Surveyor * (\$60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (\$60.5420a(b)(7)(iv))	Sky Conditions During Survey * (\$60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (\$60.5420a(b)(7)(iv))	Monitoring Instrument Used * (\$60.5420a(b)(7)(v))	Deviations From Monitoring Plan (if none, state none.) * (\$60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (\$60.5420a(b)(7)(vii))
e.g.: Well Site ABC	e.g.: 8/13/17	e.g.: 10:00 am	e.g.: 1:00 pm	e.g.: John Smith	e.g.: 90°F	e.g.: Sunny, no clouds	e.g.: 2 mph	e.g.: Company ABC optical gas imaging camera	e.g.: None	e.g.: Valve	
1	Gravel Hill CPF-2	7/24/17	9:30:00 AM	2:30:00 PM	(b) (6)	81	Clear		2 FLIR GF-320 optical gas i	None	Valve
1	Gravel Hill CPF-2	7/24/17	9:30:00 AM	2:30:00 PM		81	Clear		2 FLIR GF-320 optical gas i	None	Other
1	Gravel Hill CPF-2	7/24/17	9:30:00 AM	2:30:00 PM		81	Clear		2 FLIR GF-320 optical gas i	None	Connector
1	Gravel Hill CPF-2	7/24/17	9:30:00 AM	2:30:00 PM		81	Clear		2 FLIR GF-320 optical gas i	None	Flange
1	Gravel Hill CPF-2	7/24/17	9:30:00 AM	2:30:00 PM		81	Clear		2 FLIR GF-320 optical gas i	None	Connector
1	Gravel Hill CPF-2	7/24/17	9:30:00 AM	2:30:00 PM		81	Clear		2 FLIR GF-320 optical gas i	None	Connector
1	Gravel Hill CPF-2	7/24/17	9:30:00 AM	2:30:00 PM		81	Clear		2 FLIR GF-320 optical gas i	None	Valve
1	Gravel Hill CPF-2	7/24/17	9:30:00 AM	2:30:00 PM		81	Clear		2 FLIR GF-320 optical gas i	None	Flange
1	Gravel Hill CPF-2	7/24/17	9:30:00 AM	2:30:00 PM		81	Clear		2 FLIR GF-320 optical gas i	None	Flange
1	Gravel Hill CPF-2	7/24/17	9:30:00 AM	2:30:00 PM		81	Clear		2 FLIR GF-320 optical gas i	None	Connector
1	Gravel Hill CPF-2	7/24/17	9:30:00 AM	2:30:00 PM		81	Clear		2 FLIR GF-320 optical gas i	None	Connector
1	Gravel Hill CPF-2	7/24/17	9:30:00 AM	2:30:00 PM		81	Clear		2 FLIR GF-320 optical gas i	None	Connector
2	Gravel Hill CPF-4	7/18/17	9:00:00 AM	11:30:00 AM		76	Clear		0 FLIR GF-320 optical gas i	None	Other
2	Gravel Hill CPF-4	7/18/17	9:00:00 AM	11:30:00 AM		76	Clear		0 FLIR GF-320 optical gas i	None	Other
2	Gravel Hill CPF-4	7/18/17	9:00:00 AM	11:30:00 AM		76	Clear		0 FLIR GF-320 optical gas i	None	Other
2	Gravel Hill CPF-4	7/18/17	9:00:00 AM	11:30:00 AM		76	Clear		0 FLIR GF-320 optical gas i	None	Other
2	Gravel Hill CPF-4	7/18/17	9:00:00 AM	11:30:00 AM		76	Clear		0 FLIR GF-320 optical gas i	None	Valve
3	Midge CPF-1	7/17/17	11:20:00 AM	3:00:00 PM		90	Partly Cloudy		3 FLIR GF-320 optical gas i	None	Valve
3	Midge CPF-1	7/17/17	11:20:00 AM	3:00:00 PM		90	Partly Cloudy		3 FLIR GF-320 optical gas i	None	Instrument
3	Midge CPF-1	7/17/17	11:20:00 AM	3:00:00 PM		90	Partly Cloudy		3 FLIR GF-320 optical gas i	None	Other
3	Midge CPF-1	7/17/17	11:20:00 AM	3:00:00 PM		90	Partly Cloudy		3 FLIR GF-320 optical gas i	None	Connector
3	Midge CPF-1	7/17/17	11:20:00 AM	3:00:00 PM		90	Partly Cloudy		3 FLIR GF-320 optical gas i	None	Other
4	Phillips Mountain CPF	7/19/17	12:00:00 PM	3:00:00 PM		93	Partly Cloudy		3 FLIR GF-320 optical gas i	None	Connector
4	Phillips Mountain CPF	7/19/17	12:00:00 PM	3:00:00 PM		93	Clear		3 FLIR GF-320 optical gas i	None	Other
4	Phillips Mountain CPF	7/19/17	12:00:00 PM	3:00:00 PM		93	Clear		3 FLIR GF-320 optical gas i	None	Other
4	Phillips Mountain CPF	7/19/17	12:00:00 PM	3:00:00 PM		93	Clear		3 FLIR GF-320 optical gas i	None	Other
4	Phillips Mountain CPF	7/19/17	12:00:00 PM	3:00:00 PM		93	Clear		3 FLIR GF-320 optical gas i	None	Connector
4	Phillips Mountain CPF	7/19/17	12:00:00 PM	3:00:00 PM		93	Clear		3 FLIR GF-320 optical gas i	None	Flange
4	Phillips Mountain CPF	7/19/17	12:00:00 PM	3:00:00 PM		93	Clear		3 FLIR GF-320 optical gas i	None	Connector
4	Phillips Mountain CPF	7/19/17	12:00:00 PM	3:00:00 PM		93	Clear		3 FLIR GF-320 optical gas i	None	Other
5	Steelhead CPF-2	7/25/17	8:45:00 AM	11:30:00 AM		78	Clear		3 FLIR GF-320 optical gas i	None	Valve
5	Steelhead CPF-2	7/25/17	8:45:00 AM	11:30:00 AM		78	Clear		0 FLIR GF-320 optical gas i	None	Connector
5	Steelhead CPF-2	7/25/17	8:45:00 AM	11:30:00 AM		78	Clear		0 FLIR GF-320 optical gas i	None	Connector
5	Steelhead CPF-2	7/25/17	8:45:00 AM	11:30:00 AM		78	Clear		0 FLIR GF-320 optical gas i	None	Connector
5	Steelhead CPF-2	7/25/17	8:45:00 AM	11:30:00 AM		78	Clear		0 FLIR GF-320 optical gas i	None	Other
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM		78	Clear		0 FLIR GF-320 optical gas i	None	Other
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM		78	Clear		0 FLIR GF-320 optical gas i	None	Flange
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM		78	Clear		0 FLIR GF-320 optical gas i	None	Instrument
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM		78	Clear		0 FLIR GF-320 optical gas i	None	Flange
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM		78	Clear		0 FLIR GF-320 optical gas i	None	Other
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM		78	Clear		0 FLIR GF-320 optical gas i	None	Compressor
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM		78	Clear		0 FLIR GF-320 optical gas i	None	Valve
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM		78	Clear		0 FLIR GF-320 optical gas i	None	Other
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM		78	Clear		0 FLIR GF-320 optical gas i	None	Other
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM		78	Clear		0 FLIR GF-320 optical gas i	None	Other
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM		78	Clear		0 FLIR GF-320 optical gas i	None	Other
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM		78	Clear		0 FLIR GF-320 optical gas i	None	Other
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM		78	Clear		0 FLIR GF-320 optical gas i	None	Other
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM		78	Clear		0 FLIR GF-320 optical gas i	None	Other
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM		78	Clear		0 FLIR GF-320 optical gas i	None	Other
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM		78	Clear		0 FLIR GF-320 optical gas i	None	Other
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM		78	Clear		0 FLIR GF-320 optical gas i	None	Other
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM		78	Clear		0 FLIR GF-320 optical gas i	None	Other
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None	Other	
6	Steelhead CPF-3	7/18/17	12:00:00 PM	3:30:00 PM	78	Clear		0 FLIR GF-320 optical gas i	None		



phs (b)(7)(i) through (xii) of this section in all annual reports:

Number of Each Component Type for which Fugitive Emissions Detected * (\$60.5420a(b)(7)(viii))	Type of Component Not Repaired as Required in §60.5397a(h) * (\$60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (\$60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (\$60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (\$60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (\$60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (\$60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (\$60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (\$60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (\$60.5420a(b)(7)(xi))
e.g.: 3	e.g.: Valve	e.g.: 1	e.g.: Valve	e.g.: 1	e.g.: Valve	e.g.: 1	e.g.: 11/10/16	e.g.: Valve	e.g.: 1
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/31/17	Valve	1
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/24/17		0
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/31/17	Connector	1
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/31/17	Flange	1
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/24/17		0
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/24/17		0
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/31/17	Valve	1
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/24/17	Flange	1
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/24/17	Flange	1
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/24/17		0
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/24/17		0
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/24/17		0
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/24/17		0
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/18/17		0
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/27/17	Other	1
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/18/17		0
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/18/17		0
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/18/17		0
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/18/17		0
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/17/17		0
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/20/17	Other	1
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/17/17		0
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/17/17		0
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/20/17	Connector	1
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/26/17	Other	1
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/26/17	Other	1
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/19/17		0
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/26/17	Flange	1
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/19/17		0
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/26/17	Other	1
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/19/17		0
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/25/17		0
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/25/17		0
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/25/17		0
1 NA	1 NA	0 NA	NA	NA	NA	NA	8/3/17	Connector	1
1 NA	1 NA	0 NA	NA	NA	NA	NA	8/3/17	Other	1
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/26/17	Other	1
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/24/17	Flange	1
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/18/17		0
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/18/17		0
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/26/17	Other	1
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/24/17	Compressor	1
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/24/17	Valve	1
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/18/17		0
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/26/17	Other	1
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/18/17		0
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/24/17	Other	1
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/18/17		0
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/24/17	Compressor	1
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/19/17		0
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/24/17	Meter	1
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/25/17	Compressor	1
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/19/17		1
1 NA	1 NA	0 NA	NA	NA	NA	NA	7/19/17		

[illegible]



40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report  
For each affected facility, an owner or operator must include the information specified in paragraphs (b)(1)(i) through (iv) of this section in all annual reports:

The asterisk (\*) next to each field indicates that the corresponding field is required.

SITE INFORMATION										ALTERNATIVE ADDRESS INFORMATION	
Facility Record No. *	Company Name * (\$60.5420a(b)(1)(i))	Facility Site Name * (\$60.5420a(b)(1)(i))	US Well ID or US Well ID Associated with the Affected Facility, if applicable. * (\$60.5420a(b)(1)(i))	Address of Affected Facility * (\$60.5420a(b)(1)(i))	Address 2	City *	County *	State Abbreviation *	Zip Code *	Responsible Agency Facility ID (State Facility Identifier)	Description of Site Location (\$60.5420a(b)(1)(i))
e.g.: ABC Company	e.g.: XYZ Compressor Station	e.g.: 12-345-67890-12	e.g.: 123 Main Street	e.g.: Suite 100	e.g.: Brooklyn	e.g.: Kings County	e.g.: NY	e.g.: 11221			e.g.: 7 miles NE of the intersection of Hwy 123 and Hwy 456

- 1 DeSoto Gathering Comp Gravel Hill CPF-2
- 2 DeSoto Gathering Comp Gravel Hill CPF-4
- 3 DeSoto Gathering Comp Midge CPF-1
- 4 DeSoto Gathering Comp Phillips Mountain CPF-2
- 5 DeSoto Gathering Comp Steelhead CPF-2
- 6 DeSoto Gathering Comp Steelhead CPF-3
- 7 DeSoto Gathering Comp SW Greer Lake CPF-5

(b) (9)

Cleveland	Van Buren	AR	72030	71-00315
Scotland	Van Buren	AR	72141	71-00396
Searcy	White	AR	72143	73-00756
Cleveland	Conway	AR	72030	15-00606
Clinton	Van Buren	AR	72031	71-00370
Clinton	Van Buren	AR	72031	71-00440
Clinton	Van Buren	AR	72031	71-00441

MATION (IF NO PHYSICAL ADDRESS AVAILABLE FOR SITE *)		REPORTING INFORMATION		PE Certification	ADDITIONAL INFORMATION	
Latitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (\$60.5420a(b)(1)(i))	Longitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (\$60.5420a(b)(1)(i))	Beginning Date of Reporting Period.* (\$60.5420a(b)(1)(iii))	Ending Date of Reporting Period.* (\$60.5420a(b)(1)(iii))	Please provide the file name that contains the certification signed by a qualified professional engineer for each closed vent system routing to a control device or process. * (\$60.5420a(b)(12)) Please provide only one file per record.	Please enter any additional information.	Enter associated file name reference.
e.g.: 34.12345	e.g.: -101.12345	e.g.: 01/01/2016	e.g.: 06/30/2016	e.g.: Certification.pdf or XYZCompressorStation.pdf	e.g.: add\Info.zip or XYZCompressorStation.pdf	

(b) (9)

8/2/2016	8/2/2017
8/2/2016	8/2/2017
8/2/2016	8/2/2017
8/2/2016	8/2/2017
8/2/2016	8/2/2017
8/2/2016	8/2/2017
8/2/2016	8/2/2017

ORIGIN ID: MPJA (501) 548-6787  
 DARRIN JONES  
 SOUTHWESTERN ENERGY COMPANY  
 1000 SWIN DRIVE  
 CONWAY, AR 72033  
 UNITED STATES US

SHIP DATE: 24OCT17  
 ACTWGT: 1.00 LB  
 CAD: 102872503/INET3920

BILL SENDER

TO MR. SCOTT PRUITT

USEPA ADMINISTRATOR

1200 PENNSYLVANIA AVENUE, N.W.

MAIL CODE: 1101A

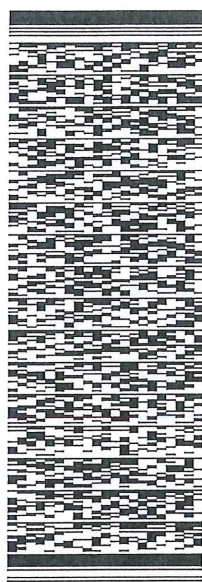
WASHINGTON DC 20460

(202) 564-4700  
 INV:  
 PO:

REF: 0000A ANNUAL REPORT

DEPT: DESOTO GATHERING ENV COMPLANC

549J494FC104C



J172117091301uv

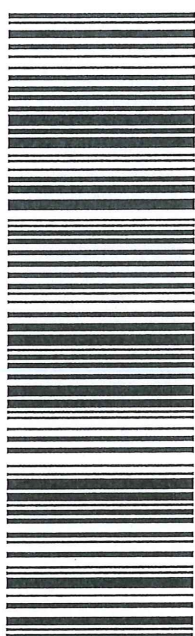
TRK# 7705 7577 3138  
 0201

THU - 26 OCT 4:30P

\*\* 2DAY \*\*

SK RDVA

20460  
 DC-US IAD



**After printing this label:**

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

**Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.**

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on [fedex.com](http://fedex.com). FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.



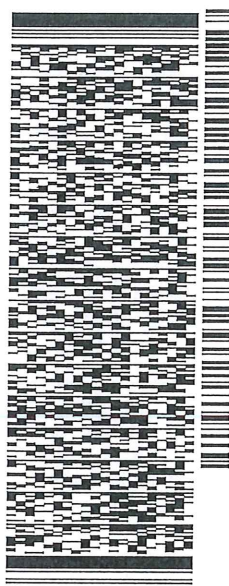
ORIGIN ID: MAPJA (501) 546-6787  
 DARRIN JONES  
 1000 SOUTHWESTERN ENERGY DRIVE  
 CONWAY, AR 72032  
 UNITED STATES US

SHIP DATE: 24OCT17  
 ACTWTG1: 1.00 LB  
 CAD: 102872503/INLT3920  
 BILL SENDER

TO THOMAS RHEAUME  
 ADEQ AIR DIVISION  
 5301 NORTSHORE DR

NORTH LITTLE ROCK AR 72118  
 INV: (501) 682-0762  
 REF: 0000A ANNUAL REPORT  
 DEPT: BC4110 53031.001

549J494FC/104C



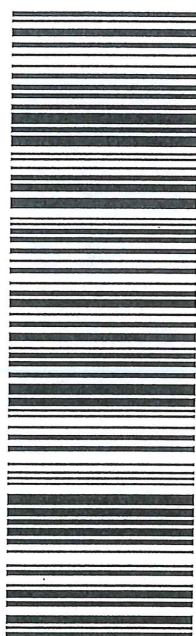
J172117091301uv

TRK# 7705 7593 2361  
 0201

THU - 26 OCT 4:30P  
 \*\* 2DAY \*\*

SA LITA

72118  
 ARUS LIT

**After printing this label:**

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

**Warning:** Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on [fedex.com](http://fedex.com). FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

RECEIVED  
US EPA, DALLAS  
ASSOCIATE DIRECTOR  
**BHP**  
17 NOV -1 AM 11:55  
COMPLIANCE ASSURANCE  
& ENFORCEMENT DIV.  
BHP Billiton Petroleum  
1500 Post Oak Boulevard  
Houston Texas 77056 USA

October 30, 2017

CERTIFIED MAIL # 7012 2920 0001 9096 0828

Return Receipt Requested

U.S. EPA Region 6  
Director Air, Pesticides, and Toxics Division  
Fountain Place 12th Floor, Suite 1200  
1445 Ross Avenue  
Dallas, TX 75202-2733

Re: **40 CFR 60 Subpart OOOOa Annual Report**  
BHP Billiton Petroleum – Fayetteville Production Unit  
Arkansas

To Whom It May Concern:

In accordance with 40 CFR Part 60.5420a(b), BHP Billiton Petroleum (BHP) is submitting this initial NSPS Subpart OOOOa Annual Report for the BHP Fayetteville Production Unit operations located in Arkansas.

This annual report covers the effective reporting period of August 2, 2016 to August 2, 2017 as determined in accordance with the provisions of §60.5410a, and contains the information specified in paragraphs (b)(1) through (8 ) and (12) of §60.5420a, as applicable.

There are zero affected facilities identified or reported in this annual report.

Should you have any questions concerning this submittal, please contact me at (713) 499-5596 or by email at Kathleen.Palmer@bhpbilliton.com.

Sincerely,



Kathleen A. Palmer, P.E.  
Principal Environmental Engineer

Enclosure(s)

**40 CFR 60 SUBPART OOOOa | ANNUAL REPORT**

REPORTING PERIOD: 8/2/16 to 8/2/17

**General Information**

Company Name: BHP Billiton Petroleum

Operations Area: Shale Operations - Fayetteville Production Unit, Arkansas

**Mailing Address**

Street: 1500 Post Oak Blvd

City: Houston

County: Harris

State: TX

Zip Code: 77056

**Responsible Official**

Name: Ben Ziker

Title: Operations Manager

Email: [ben.ziker@bhpbilliton.com](mailto:ben.ziker@bhpbilliton.com)

Phone: 713-966-7183

**Report Preparer**

Name: Kathleen A. Palmer, P.E.

Title: Principal Environmental Engineer

Email: [kathleen.palmer@bhpbilliton.com](mailto:kathleen.palmer@bhpbilliton.com)

Phone: 713-499-5596

<b>Affected Facilities</b>	<b>Included in this report?</b>
Completions of hydraulically fractured wells	No
Reciprocating Compressors	No
Pneumatic Controllers	No
Storage Vessels	No
Pneumatic Diaphragm Pump	No
Collection of fugitive emission components	No

**Certification**

I hereby certify that, based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.

Ben Ziker

Operations Manager

Name of Responsible Official

Title

Signature of Responsible Official

Date signed

10-30-17



RECEIVED  
US EPA, DALLAS, TX  
ASSOCIATE DIRECTOR  
**BHP**  
17 NOV -1 AM 11:55  
COMPLIANCE ASSURANCE  
& ENFORCEMENT DIV.  
BHP Billiton Petroleum  
1500 Post Oak Boulevard  
Houston Texas 77056 USA

October 30, 2017

CERTIFIED MAIL # 7012 2920 0001 9096 0828

Return Receipt Requested

U.S. EPA Region 6  
Director Air, Pesticides, and Toxics Division  
Fountain Place 12th Floor, Suite 1200  
1445 Ross Avenue  
Dallas, TX 75202-2733

Re: **40 CFR 60 Subpart OOOOa Annual Report**  
BHP Billiton Petroleum – Fayetteville Production Unit  
Arkansas

To Whom It May Concern:

In accordance with 40 CFR Part 60.5420a(b), BHP Billiton Petroleum (BHP) is submitting this initial NSPS Subpart OOOOa Annual Report for the BHP Fayetteville Production Unit operations located in Arkansas.

This annual report covers the effective reporting period of August 2, 2016 to August 2, 2017 as determined in accordance with the provisions of §60.5410a, and contains the information specified in paragraphs (b)(1) through (8 ) and (12) of §60.5420a, as applicable.

There are zero affected facilities identified or reported in this annual report.

Should you have any questions concerning this submittal, please contact me at (713) 499-5596 or by email at Kathleen.Palmer@bhpbilliton.com.

Sincerely,



Kathleen A. Palmer, P.E.  
Principal Environmental Engineer

Enclosure(s)

**40 CFR 60 SUBPART OOOOa | ANNUAL REPORT**

REPORTING PERIOD: 8/2/16 to 8/2/17

**General Information**

Company Name: BHP Billiton Petroleum

Operations Area: Shale Operations - Fayetteville Production Unit, Arkansas

**Mailing Address**

Street: 1500 Post Oak Blvd

City: Houston

County: Harris

State: TX

Zip Code: 77056

**Responsible Official**

Name: Ben Ziker

Title: Operations Manager

Email: [ben.ziker@bhpbilliton.com](mailto:ben.ziker@bhpbilliton.com)

Phone: 713-966-7183

**Report Preparer**

Name: Kathleen A. Palmer, P.E.

Title: Principal Environmental Engineer

Email: [kathleen.palmer@bhpbilliton.com](mailto:kathleen.palmer@bhpbilliton.com)

Phone: 713-499-5596

**Affected Facilities****Included in this report?**

Completions of hydraulically fractured wells

No

Reciprocating Compressors

No

Pneumatic Controllers

No

Storage Vessels

No

Pneumatic Diaphragm Pump

No

Collection of fugitive emission components

No

**Certification**

I hereby certify that, based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.

Ben Ziker

Operations Manager

Name of Responsible Official

Title

Signature of Responsible Official

Date signed

10-30-17



RECEIVED  
US EPA, DALLAS, TX  
ASSOCIATE DIRECTOR

17 NOV -1 AM 11:55

COMPLIANCE ASSURANCE  
& ENFORCEMENT DIV.

October 27, 2017

**VIA CERTIFIED MAIL #9414 8108 9876 5000 4989 39**

Director; Air, Pesticides, and Toxics Division  
U.S. Environmental Protection Agency  
1445 Ross Avenue, Suite 1200  
Dallas, TX 75202

Re: NSPS Subpart OOOOa Annual Report  
Mockingbird Midstream Gas Services, LLC (MMGS)  
Heavy Compressor Station – RN107807331  
Permit No. 124530

To Whom It May Concern:

Per 40 C.F.R. §60.5420a(b), Mockingbird Midstream Gas Services (MMGS) is submitting the annual report for 40 CFR 60 Subpart OOOOa affected facilities for the reporting period August 2, 2016 to August 2, 2017. Enclosed is information regarding the affected facilities. If you have any questions regarding this notice, please contact me at 210.479.4538 or at [Jim.Wiatrek@williams.com](mailto:Jim.Wiatrek@williams.com) or contact Marina Turati at 682.730.4872 or at [Marina.Turati@williams.com](mailto:Marina.Turati@williams.com).

Sincerely,

A handwritten signature in blue ink, appearing to read "Jim Wiatrek".

Jim Wiatrek  
Environmental Specialist  
Williams

Enclosures: NSPS Subpart OOOOa Annual Report

Mockingbird Midstream Gas Services, L.L.C.  
5601 East 1<sup>st</sup> Street  
Fort Worth, TX 76103



Director; Air, Pesticides and Toxics Division  
October 27, 2017  
Page | 2

Cc: Mr. Jaime A. Garza  
TCEQ Region 16 Office  
707 E. Calton Rd., Ste. 304  
Laredo, TX 78041-3887  
**VIA CERTIFIED MAIL #9414 8108 9876 5000 4989 46**

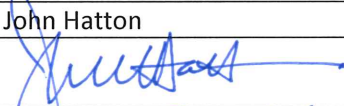
Field Operations Support Division (FOSP)  
TCEQ, MC-174  
P.O. Box 13087  
Austin, TX 78711-3087  
**VIA CERTIFIED MAIL #9414 8108 9876 5000 4989 53**

**Mockingbird Midstream Gas Services, L.L.C.**  
5601 East 1<sup>st</sup> Street  
Fort Worth, TX 76103

## NSPS Subpart 0000a Annual Report

Facility Information	
Company Name	Mockingbird Midstream Gas Services LLC (MMGS)
Facility Name	Heavy Compressor Station – RN107807331
Mailing Address	Mockingbird Midstream Gas Services LLC 5601 East 1 <sup>st</sup> Street Fort Worth, TX 76103
Location Info	Heavy Compressor Station <div style="background-color: black; color: red; font-size: 2em; text-align: center; padding: 10px;">(b) (9)</div>
Reporting Period	August 2, 2016 – August 2, 2017
Affected Facilities	
Well Completions (for hydraulically fractured wells)	<i>No affected facilities of this type.</i>
Pneumatic Controllers	<i>No newly affected facilities of this type.</i>
Wet Seals Centrifugal Compressors	<i>No affected facilities of this type.</i>
Reciprocating Compressors	<b>Heavy Compressor Station</b> Serial No. F-49114 – Compressor Engine Unit #806212 Serial No. F-49076 - Compressor Engine Unit #806211
Storage Vessels	<i>No affected facilities of this type.</i>
Fugitive Emissions Components	<i>Compression added during the reporting period. However, units did not trigger LDAR surveys during the reporting period</i>

Heavy Compressor Station - RN107807331	
Reciprocating Compressors	
Affected Facility	Serial No. F-49114 Compressor Engine Unit # 806212
Number of Hours or Months Since Last Packing Rod Replacement/Start-Up/October 15, 2012 (whichever is later)	Run hours since start-up (06/21/2017): 785.33 hours
Deviations from compliance during this period (Yes/No)	No
Reciprocating Compressors	
Affected Facility	Serial No. F-49076 Compressor Engine Unit #806211
Number of Hours or Months Since Last Packing Rod Replacement/Start-Up/October 15, 2012 (whichever is later)	Run hours since start-up (unit was not started-up during the reporting period): N/A
Deviations from compliance during this period (Yes/No)	No

Certification by Responsible Official	
Based on information and belief formed after reasonable inquiry, the statements and information in this report are true, accurate and complete.	
Name of Responsible Official	John Hatton
Signature of Responsible Official	
Date	30 Oct 2017





RECEIVED  
US EPA, DALLAS  
ASSOCIATE DIRECTOR  
17 OCT 31 PM 2:41  
COMPLIANCE ASSURANCE  
& ENFORCEMENT DIV.

1200 Summit  
Suite 320  
Fort Worth, TX 76102

P: (817) 339.5400  
F: (817) 339.5430  
www.Crestwoodlp.com

October 30, 2017

U.S. EPA Region 6  
Compliance and Enforcement, 6EN  
1445 Ross Avenue, Suite 1200  
Dallas, TX 75202

Subject: NSPS Subpart OOOOa Annual Report  
Reporting Period: January 15, 2016 through August 2, 2017  
Cowtown Pipeline Partners LP  
Cowtown Gas Processing Partners LP

Dear Sir or Madam:

Crestwood Midstream Partners LP, on behalf of its subsidiaries, (collectively, "Crestwood") is submitting the enclosed New Source Performance Standards (NSPS) Subpart OOOOa Annual Report for the initial compliance period of January 15, 2016 through August 2, 2017 (determined in accordance with 40 CFR §60.5410a). This report includes information on affected facilities located at the following facilities:

Facility Name	TCEQ Regulated Entity Number	Owner & Operator	TCEQ Customer Reference Number	Facility Address
Lake Arlington Compressor Station	RN105227763	Cowtown Pipeline Partners LP	CN603526823	(b) (9)
West Johnson County Compressor Station	RN104927876	Cowtown Gas Processing Partners LP	CN603246950	

Both compressor stations are subject to fugitive emission component monitoring in 40 CFR §60.5397a. The original deadline to perform initial monitoring was June 3, 2017, per §60.5397a(f)(2). Effective June 2, 2017, EPA stayed the compressor station monitoring requirements until August 31, 2017. This was followed by a proposed two-year stay of requirements, published on June 16, 2017. Prior to the 90-day stay, Crestwood had begun preparing the monitoring plan and for surveys. This work was halted when EPA issued the 90-day stay. On July 3, 2017, the U.S. Court of Appeals for the D.C. Circuit vacated EPA's 90-day stay, which took effect on July 27, 2017.

Since then, Crestwood has taken several steps to come into compliance with the compressor station monitoring requirements. Crestwood met internally on July 27, 2017 to prepare an implementation plan. Crestwood met with contractors on August 31, 2017, to continue work on the monitoring plans. The initial monitoring at the Lake Arlington Compressor Station was performed on October 26, 2017. The initial monitoring at the West Johnson Compressor Station will be scheduled before the end of CY2017. The next annual report will contain the information required in §60.5420a(b)(7).

Connections  
for America's  
Energy™

## Certification of Truth, Accuracy, and Completeness

Responsible Official / Delegated Authority

Name: (Last) Treadaway (First) Jayson

Title Director, Operations Barnett

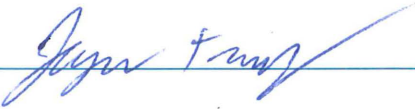
Street or P.O. Box 2400 CR 326

City Cleburne State TX ZIP 76033

Telephone ( 817 ) 339 - 5500

I, Jayson Treadaway, certify that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signed



Date:

10-30-17



RECEIVED  
US EPA, DALLAS, TX  
ASSOCIATE DIRECTOR  
17 OCT 31 PM 2:41

COMPLIANCE ASSURANCE  
& ENFORCEMENT DIV.

October 27, 2017

US EPA, Region 6  
Compliance Assurance and Enforcement Division, Air Enforcement Section (6EN-AA)  
1445 Ross Avenue, Ste. 1200  
Dallas, TX 75202-2733

Re: NSPS OOOOa Annual Report – 8/2/2016 – 8/2/2017  
Crestwood Arkansas Pipeline LLC

Dear Ms. Seager, Director:

Crestwood Midstream Partners LP on behalf of Crestwood Arkansas Pipeline LLC (Crestwood), is submitting the New Source Performance Standard (NSPS) subpart OOOOa Annual Report for the period of 8/2/2016 – 8/2/2017. This report includes information on one reciprocating compressor in order to comply with 40 CFR §60.5420a (b). Crestwood does not operate any gas wells, storage vessels, centrifugal compressors, pneumatic controllers, or collection of fugitive emission components that would be considered affected facilities. All storage vessels operated by Crestwood Arkansas Pipeline LLC have enforceable permit limits of less than 6 tons of volatile organic compounds (VOC) per year and are therefore not NSPS OOOOa affected sources.

Please see below the annual report:

Crestwood Arkansas Pipeline LLC

Wilson Creek Compressor Station,

(b) (9) [REDACTED] Clinton, AR 72301 – Van Buren County

AFIN<sup>1</sup>: 71-00336

Tracking No. 1868-AGP-130

Reciprocating Compressor

Source ID	Startup/Last Rod Packing Date	Months in Service <sup>2</sup>	Compressor Serial Number	Deviations
Compressor 2	4/18/2016	15	F-36772	None

Compressor Serial No. SN-F-36772 was installed at the site on April 28<sup>th</sup>, 2016, as a replacement for Compressor Serial No. HSR0053147; this is the initial NSPS OOOOa annual report for this source. Please note that in accordance with 40 CFR §60.5365a(j) a “modification” to a compressor station did not occur since the replacement compressor is smaller total horsepower. Therefore, the requirements under NSPS OOOOa for the collection of fugitive emissions components at a compressor station were not triggered for the Wilson Creek CS.

If you have any questions or require additional information, please contact me at (817) 339-5474.

Regards,

<sup>1</sup> The Air Facility Identification Number (AFIN) and Tracking Number are assigned by the Arkansas Department of Environmental Quality (ADEQ) and listed here for reference.

<sup>2</sup> Compressor 2 installed was at this facility on April 28<sup>th</sup>, 2016.



Jeff Stovall, P.E.  
Director, Environmental

Enclosures

e/cc: CMPLP – files, ADEQ

### Certification of Truth, Accuracy, and Completeness

#### Duly Authorized Representative

Name: (Last) Treadaway (First) Jayson

Title Director of Operations, Barnett

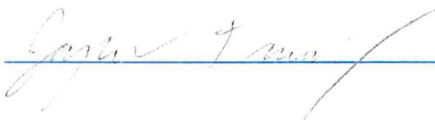
Street or P.O. Box 811 Main St., Suite 3400

City Houston State TX ZIP 77002

Telephone (817) 339 - 5528

I, Jayson Treadaway, certify that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signed



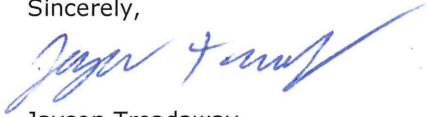
Date:

10/27-2017

EPA Region 6  
October 30, 2017  
Page 2

Crestwood does not operate any other NSPS OOOOa affected facilities at either location. Should you require any additional information, please contact Jeff Stovall at (817) 339-5474, or via e-mail at [Jeff.Stovall@crestwoodlp.com](mailto:Jeff.Stovall@crestwoodlp.com).

Sincerely,

A handwritten signature in blue ink, appearing to read "Jayson Treadaway", with a stylized flourish at the end.

Jayson Treadaway  
Director, Operations Barnett

Enclosure

cc: Chris Humes, Crestwood Midstream Partners LP  
Jeff Stovall, Crestwood Midstream Partners LP



RECEIVED  
US EPA, DALLAS, TX  
ASSOCIATE DIRECTOR

1000 Southwestern Energy Drive  
Conway, AR 72032  
(501) 548-6700

17 NOV -1 AM 11:55

COMPLIANCE ASSURANCE  
& ENFORCEMENT DIV.

October 27, 2017

USEPA Administrator  
Mr. Scott Pruitt  
William Jefferson Clinton Building  
1200 Pennsylvania Avenue, N.W.  
**Mail Code:** 1101A  
Washington, DC 20460  
Phone: (202) 564-4700

USEPA Region VI (6EN-A)  
Mr. Steve Thompson, Branch Chief  
1445 Ross Avenue, Suite 1200  
**Mail Code:** 6EN  
Dallas, TX 75202  
Phone: (214) 665-2769

Arkansas Department of Environmental Quality  
Air Division Manager  
Mr. Thomas Rheume  
5301 Northshore Drive  
North Little Rock, AR 72118  
Phone: (501) 682-0762

**RE: SWN Production (Arkansas) LLC – NSPS 40 CFR Part 60 Subpart OOOOa**

To Whom It May Concern:

DeSoto Gathering Company, LLC respectfully submits the enclosed Annual Report per requirements in 60.5420(b).

If you have any questions regarding the information in the notifications, please contact me at (501) 548-6571 or at [jacob\\_wesson@swn.com](mailto:jacob_wesson@swn.com).

Sincerely,

Jacob Wesson  
Environmental Air Specialist



# NSPS 0000a Annual Report

Pursuant to 40 CFR § 60.5420(b)

## Company Information

§60.5420(b)(1)

Company Name: Southwestern Energy Company - SWN Production (Arkansas) LLC

Company Mailing Address: 1000 SWN Drive Conway AR 72032  
Street Address City State Zip Code

### Technical Contact Information

Contact Name: Jacob Wesson

Contact Phone Number: (501) 548-6571

Contact Email Address: jacob\_wesson@swn.com

## Reporting Period

Compliance Period Start Date: 8/2/2016

Compliance Period End Date: 8/2/2017

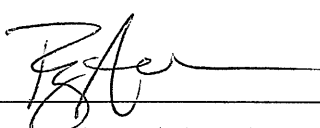
## Certification of Truth, Accuracy, and Completeness (By Responsible Official)

**Statement of Certification:** Based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Name of Certifying Official: Ryan Ainsworth

Phone Number: (501) 548-6634

Email Address: ryan\_ainsworth@swn.com

Signature: 

Date: 10/31/2017

Title of Certifying Official: SWN Production (Arkansas) LLC Area General Manager

40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report  
For each affected facility, an owner or operator must include the information specified in paragraphs (b)(1)(i) through (iv) of this section in all annual reports:

The asterisk (\*) next to each field indicates that the corresponding field is required.

SITE INFORMATION						REPORTING INFORMATION		ADDITIONAL INFORMATION			
Facility Record No. *	Company Name * (\$60.5420a(b)(1)(i))	Facility Site Name * (\$60.5420a(b)(1)(i))	US Well ID or US Well ID Associated with the Affected Facility, if applicable. * (\$60.5420a(b)(1)(i))	County *	State Abbreviation *	Latitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (\$60.5420a(b)(1)(i))	Longitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (\$60.5420a(b)(1)(i))	Beginning Date of Reporting Period.* (\$60.5420a(b)(1)(iii))	Ending Date of Reporting Period.* (\$60.5420a(b)(1)(iii))	Please enter any additional information.	Enter associated file name reference.
1	Southwestern Energy Company	AUSTIN 11-9 1-33H28	30231111700	CLEBURNE	AR	(b) (9)	(9)	10/17/2016	8/2/2017		
2	Southwestern Energy Company	AUSTIN 11-9 2-33H28	30231111800	CLEBURNE	AR			10/19/2016	8/2/2017		
3	Southwestern Energy Company	AUSTIN 11-9 3-33H28	30231111900	CLEBURNE	AR			10/21/2016	8/2/2017		
4	Southwestern Energy Company	AUSTIN 11-9 4-33H27	30231112000	CLEBURNE	AR			10/23/2016	8/2/2017		
5	Southwestern Energy Company	AUSTIN 11-9 5-33H	30231118500	CLEBURNE	AR			10/10/2016	8/2/2017		
6	Southwestern Energy Company	AUSTIN 11-9 7-33H9	30231118700	CLEBURNE	AR			10/12/2016	8/2/2017		
7	Southwestern Energy Company	BARNETT 9-10 2-1H36	30231119800	CLEBURNE	AR			9/17/2016	8/2/2017		
8	Southwestern Energy Company	BARNETT 9-10 3-1H36	30231119900	CLEBURNE	AR			9/14/2016	8/2/2017		
9	Southwestern Energy Company	BEAVERS 9-8 5-22H26	31451155700	WHITE	AR			4/9/2017	8/2/2017		
10	Southwestern Energy Company	BECK CATHERINE 8-17 2-26H	30291138900	CONWAY	AR			8/2/2016	8/2/2017		
11	Southwestern Energy Company	BENNETT TRUST 8-12 6-11H3	30451058100	FAULKNER	AR			8/10/2016	8/2/2017		
12	Southwestern Energy Company	BOYLE 8-16 10-11H23	30291145000	CONWAY	AR			8/2/2016	8/2/2017		
13	Southwestern Energy Company	BOYLE 8-16 6-11H14	30291144600	CONWAY	AR			8/2/2016	8/2/2017		
14	Southwestern Energy Company	BOYLE 8-16 7-11H23	30291144700	CONWAY	AR			8/2/2016	8/2/2017		
15	Southwestern Energy Company	BOYLE 8-16 8-11H23	30291144800	CONWAY	AR			8/2/2016	8/2/2017		
16	Southwestern Energy Company	BOYLE 8-16 9-11H23	30291144900	CONWAY	AR			8/2/2016	8/2/2017		
17	Southwestern Energy Company	BRYANT RALPH 9-14 15-16H9	30291141200	CONWAY	AR			8/2/2016	8/2/2017		
18	Southwestern Energy Company	COOK 9-8 12-25H31	31451153900	WHITE	AR			8/2/2016	8/2/2017		
19	Southwestern Energy Company	COOK 9-8 14-25H36	31451154100	WHITE	AR			4/17/2017	8/2/2017		
20	Southwestern Energy Company	COOK 9-8 15-25H1	31451154200	WHITE	AR			4/23/2017	8/2/2017		
21	Southwestern Energy Company	DECKARD 10-9 2-3H	30231116300	CLEBURNE	AR			10/5/2016	8/2/2017		
22	Southwestern Energy Company	DECKARD 10-9 3-3H	30231116400	CLEBURNE	AR			10/1/2016	8/2/2017		
23	Southwestern Energy Company	DECKARD 10-9 4-3H	30231116500	CLEBURNE	AR			9/25/2016	8/2/2017		
24	Southwestern Energy Company	DENNIS 8-13 5-20H17	30451052600	FAULKNER	AR			8/2/2016	8/2/2017		
25	Southwestern Energy Company	DENNIS 8-13 6-20H17	30451052700	FAULKNER	AR			8/2/2016	8/2/2017		
26	Southwestern Energy Company	DENNIS 8-13 8-20H21	30451059600	FAULKNER	AR			12/15/2016	8/2/2017		
27	Southwestern Energy Company	DENNIS 8-13 9-20H16	30451059700	FAULKNER	AR			12/4/2016	8/2/2017		
28	Southwestern Energy Company	DESALVO TONY 8-14 2-6H36	30291143600	CONWAY	AR			11/11/2016	8/2/2017		
29	Southwestern Energy Company	DESALVO TONY 8-14 3-6H31	30291143700	CONWAY	AR			11/6/2016	8/2/2017		
30	Southwestern Energy Company	DUDECK LAND 11-10 5-17H8	30231116900	CLEBURNE	AR			8/2/2016	8/2/2017		
31	Southwestern Energy Company	DUDECK LAND 11-10 6-17H8	30231117000	CLEBURNE	AR			11/16/2016	8/2/2017		
32	Southwestern Energy Company	DUDECK LAND 11-10 7-17H8	30231117100	CLEBURNE	AR			11/18/2016	8/2/2017		
33	Southwestern Energy Company	DUDECK LAND 11-10 8-17H8	30231117200	CLEBURNE	AR			11/26/2016	8/2/2017		
34	Southwestern Energy Company	DUDECK LAND 11-10 9-17H8	30231122400	CLEBURNE	AR			11/29/2016	8/2/2017		
35	Southwestern Energy Company	EDWARDS J 9-14 7-36H26	31411184600	VAN BUREN	AR			11/20/2016	8/2/2017		
36	Southwestern Energy Company	EDWARDS J 9-14 8-36H26	31411184700	VAN BUREN	AR			8/2/2016	8/2/2017		
37	Southwestern Energy Company	EDWARDS J 9-14 9-36H26	31411184800	VAN BUREN	AR			8/2/2016	8/2/2017		
38	Southwestern Energy Company	ENGLISH 9-8 10-27H35	31451152200	WHITE	AR			2/4/2017	8/2/2017		
39	Southwestern Energy Company	ENGLISH 9-8 11-27H35	31451155800	WHITE	AR			8/2/2016	8/2/2017		
40	Southwestern Energy Company	ENGLISH 9-8 12-27H35	31451155900	WHITE	AR			8/2/2016	8/2/2017		



41	Southwestern Energy Company	ENGLISH 9-8 13-27H21	31451156600	WHITE	AR	(b) (9)	12/21/2016	8/2/2017		
42	Southwestern Energy Company	ENGLISH 9-8 14-27H21	31451156700	WHITE	AR		1/2/2017	8/2/2017		
43	Southwestern Energy Company	ENGLISH 9-8 15-27H21	31451156800	WHITE	AR		1/11/2017	8/2/2017		
44	Southwestern Energy Company	ENGLISH 9-8 16-27H34	31451156900	WHITE	AR		1/21/2017	8/2/2017		
45	Southwestern Energy Company	ENGLISH 9-8 17-27H22	31451157000	WHITE	AR		1/27/2017	8/2/2017		
46	Southwestern Energy Company	ENGLISH 9-8 9-27H22	31451152100	WHITE	AR		8/2/2016	8/2/2017		
47	Southwestern Energy Company	HALBROOK 9-16 4-18H ST1	30291108900	CONWAY	AR		8/2/2016	8/2/2017		
48	Southwestern Energy Company	HALBROOK 9-16 5-18H	30291109000	CONWAY	AR		8/2/2016	8/2/2017		
49	Southwestern Energy Company	HARRIS 8-13 4-19H	30451051900	FAULKNER	AR		8/2/2016	8/2/2017		
50	Southwestern Energy Company	HARRIS 8-13 5-19H	30451052000	FAULKNER	AR		8/2/2016	8/2/2017		
51	Southwestern Energy Company	HARRIS WELDON 9-9 3-11H2 ST1	30231120400	CLEBURNE	AR		8/2/2016	8/2/2017		
52	Southwestern Energy Company	HARRIS WELDON 9-9 4-11H2	30231120500	CLEBURNE	AR		8/2/2016	8/2/2017		
53	Southwestern Energy Company	HARRIS WELDON 9-9 5-11H2	30231120600	CLEBURNE	AR		8/2/2016	8/2/2017		
54	Southwestern Energy Company	HARRIS WELDON 9-9 6-11H2	30231120700	CLEBURNE	AR		8/2/2016	8/2/2017		
55	Southwestern Energy Company	HARRIS WELDON 9-9 7-11H2	30231120800	CLEBURNE	AR		3/6/2017	8/2/2017		
56	Southwestern Energy Company	HARRIS WELDON 9-9 8-11H2	30231120900	CLEBURNE	AR		3/14/2017	8/2/2017		
57	Southwestern Energy Company	HARRIS WELDON 9-9 9-11H1	30231121000	CLEBURNE	AR		3/19/2017	8/2/2017		
58	Southwestern Energy Company	INGRAM 9-17 6-34H28	30291142900	CONWAY	AR		8/2/2016	8/2/2017		
59	Southwestern Energy Company	INGRAM 9-17 7-34H28	30291143000	CONWAY	AR		9/8/2016	8/2/2017		
60	Southwestern Energy Company	LAWRENCE 8-12 4-10H15	30451049800	FAULKNER	AR		8/2/2016	8/2/2017		
61	Southwestern Energy Company	LAWRENCE 8-12 5-10H15	30451049900	FAULKNER	AR		8/2/2016	8/2/2017		
62	Southwestern Energy Company	LAWRENCE 8-12 6-10H15	30451050000	FAULKNER	AR		8/2/2016	8/2/2017		
63	Southwestern Energy Company	LEDBETTER TRUST 7-14 2-5H4	30291135700	CONWAY	AR		8/2/2016	8/2/2017		
64	Southwestern Energy Company	LEDBETTER TRUST 7-14 4-5H4	30291135900	CONWAY	AR		8/2/2016	8/2/2017		
65	Southwestern Energy Company	LEDBETTER TRUST 7-14 5-5H4	30291136000	CONWAY	AR		8/2/2016	8/2/2017		
66	Southwestern Energy Company	MARINES 10-12 1-12H1	30231123400	CLEBURNE	AR		8/2/2016	8/2/2017		
67	Southwestern Energy Company	MARINES 10-12 2-12H1	30231123500	CLEBURNE	AR		8/2/2016	8/2/2017		
68	Southwestern Energy Company	MCMILLEN 8-14 4-35H ST2	30451054400	FAULKNER	AR		8/2/2016	8/2/2017		
69	Southwestern Energy Company	MCMILLEN 8-14 5-35H26 ST1	30451054500	FAULKNER	AR		8/2/2016	8/2/2017		
70	Southwestern Energy Company	MCMILLEN 8-14 6-35H ST1	30451054600	FAULKNER	AR		8/2/2016	8/2/2017		
71	Southwestern Energy Company	MCMILLEN 8-14 7-35H	30451054700	FAULKNER	AR		8/2/2016	8/2/2017		
72	Southwestern Energy Company	MCMILLEN 8-14 8-35H	30451054800	FAULKNER	AR		8/2/2016	8/2/2017		
73	Southwestern Energy Company	MCNEW 9-16 10-2H34	30291143500	CONWAY	AR		8/2/2016	8/2/2017		
74	Southwestern Energy Company	MCNEW 9-16 7-2H34	30291143200	CONWAY	AR		8/2/2016	8/2/2017		
75	Southwestern Energy Company	MCNEW 9-16 8-2H34	30291143300	CONWAY	AR		8/2/2016	8/2/2017		
76	Southwestern Energy Company	MCNEW 9-16 9-2H34	30291143400	CONWAY	AR		8/2/2016	8/2/2017		
77	Southwestern Energy Company	MOON 9-14 7-29H32	30291139400	CONWAY	AR		8/2/2016	8/2/2017		
78	Southwestern Energy Company	MOON 9-14 8-29H32	30291139500	CONWAY	AR		8/2/2016	8/2/2017		
79	Southwestern Energy Company	MOORE BILLIE 10-12 2-36H	30231114000	CLEBURNE	AR		10/28/2016	8/2/2017		
80	Southwestern Energy Company	MOORE BILLIE 10-12 3-36H	30231114100	CLEBURNE	AR		10/30/2016	8/2/2017		
81	Southwestern Energy Company	MOORE BILLIE 10-12 4-36H	30231114200	CLEBURNE	AR		11/2/2016	8/2/2017		
82	Southwestern Energy Company	NEAL 9-8 5-26H22	31451156300	WHITE	AR		3/24/2017	8/2/2017		
83	Southwestern Energy Company	NEAL 9-8 6-26H25	31451156400	WHITE	AR		4/4/2017	8/2/2017		
84	Southwestern Energy Company	PARNELL 10-7 10-21H28	31451150000	WHITE	AR		8/2/2016	8/2/2017		
85	Southwestern Energy Company	PARNELL 10-7 11-21H28 ST1	31451150100	WHITE	AR		8/2/2016	8/2/2017		
86	Southwestern Energy Company	PARNELL 10-7 12-21H16	31451150200	WHITE	AR		8/2/2016	8/2/2017		
87	Southwestern Energy Company	PARNELL 10-7 15-21H	31451150500	WHITE	AR		8/2/2016	8/2/2017		
88	Southwestern Energy Company	PARNELL 10-7 7-21H16	31451116800	WHITE	AR		8/2/2016	8/2/2017		
89	Southwestern Energy Company	PARNELL 10-7 8-21H16	31451149800	WHITE	AR		8/2/2016	8/2/2017		
90	Southwestern Energy Company	PARNELL 10-7 9-21H16	31451149900	WHITE	AR		8/2/2016	8/2/2017		
91	Southwestern Energy Company	PEARCE 9-10 2-5H32	30231124900	CLEBURNE	AR		2/28/2017	8/2/2017		



92	Southwestern Energy Company	PEARCE 9-10 3-5H32	30231125000	CLEBURNE	AR			2/22/2017	8/2/2017		
93	Southwestern Energy Company	PEARCE 9-10 4-5H32	30231125100	CLEBURNE	AR			2/12/2017	8/2/2017		
94	Southwestern Energy Company	ROB-WIN 10-9 4-29H32	30231110700	CLEBURNE	AR			8/2/2016	8/2/2017		
95	Southwestern Energy Company	ROB-WIN 10-9 5-29H32	30231110800	CLEBURNE	AR			8/2/2016	8/2/2017		
96	Southwestern Energy Company	ROB-WIN 10-9 6-29H32	30231110900	CLEBURNE	AR			8/2/2016	8/2/2017		
97	Southwestern Energy Company	STONE 9-8 6-12H24	31451156100	WHITE	AR			8/2/2016	8/2/2017		
98	Southwestern Energy Company	VAUGHAN 9-17 10-22H21	30291139200	CONWAY	AR			9/2/2016	8/2/2017		
99	Southwestern Energy Company	VAUGHAN 9-17 8-22H26	30291139000	CONWAY	AR			8/17/2016	8/2/2017		
100	Southwestern Energy Company	VAUGHAN 9-17 9-22H26	30291139100	CONWAY	AR			8/24/2016	8/2/2017		
101	Southwestern Energy Company	WOOD LUMBER COMPANY 9-7 6-10H	31451149400	WHITE	AR			8/2/2016	8/2/2017		
102	Southwestern Energy Company	WOOD LUMBER COMPANY 9-7 7-10H11	31451149500	WHITE	AR			8/2/2016	8/2/2017		
103	Southwestern Energy Company	WOOD LUMBER COMPANY 9-7 8-10H11	31451149600	WHITE	AR			8/2/2016	8/2/2017		
104	Southwestern Energy Company	WHITEHURST 10-10 9-36H30	30231125300	CLEBURNE	AR			7/15/2017	8/2/2017		



The asterisk (\*) next to each field indicates that the corresponding field is required.

			\$60.5432a Low Pressure Wells	All Well Completions	Well Affected Facilities Required to Comply with §60.5375a(a) and §60.5375a(f)														
Facility Record No. *	United States Well Number* (§60.5420a(b)(1)(i))	Records of deviations where well completion operations with hydraulic fracturing were not performed in compliance with the requirements specified in § 60.5375a. * (§60.5420a(b)(2)(ii) and §60.5420a(c)(1)(iii))	Please provide the file name that contains the Record of Determination and Supporting Inputs and Calculations * (§60.5420a(b)(2)(iii) and §60.5420a(c)(1)(vii)) Please provide only one file per record.	Well Completion ID *	Well Location * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Date of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(iii)(A)-(B))	Time of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (§60.5420a(b)(2)(ii) and §60.5420a(c)(1)(iii)(A)-(B))	Date of Each Attempt to Direct Flowback to a Separator *	Time of Each Attempt to Direct Flowback to a Separator *	Date of Each Occurrence of Returning to the Initial Flowback Stage *	Time of Each Occurrence of Returning to the Initial Flowback Stage *	Date Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production *	Time Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production *	Duration of Flowback in Hours *	Duration of Recovery in Hours *	Disposition of Recovery *	Duration of Combustion in Hours *	Duration of Venting in Hours *	Reason for Venting in lieu of Capture or Combustion *
1	30231111700			AUSTIN 11-9 1-33H28	(b) (9)	11/19/2016	11:00 AM	11/19/2016	11:00 AM	N/A	N/A	11/29/2016	7:00 AM	236	N/A	routed to gas sales line	0	0	N/A
2	30231111800			AUSTIN 11-9 2-33H28		11/19/2016	10:00 AM	11/19/2016	10:00 AM	N/A	N/A	12/7/2016	9:00 AM	431	431	routed to gas sales line	0	0	N/A
3	30231111900			AUSTIN 11-9 3-33H28		11/19/2016	11:40 AM	11/19/2016	11:40 AM	N/A	N/A	12/6/2016	10:15 AM	407	407	routed to gas sales line	0	0	N/A
4	30231112000			AUSTIN 11-9 4-33H27		11/19/2016	10:00 AM	11/19/2016	10:00 AM	N/A	N/A	12/6/2016	9:05 AM	407	407	routed to gas sales line	0	0	N/A
5	30231118500			AUSTIN 11-9 5-33H		11/8/2016	1:00 PM	11/8/2016	1:00 PM	N/A	N/A	11/28/2016	2:00 AM	505	505	routed to gas sales line	0	0	N/A
6	30231118700			AUSTIN 11-9 7-33H9		11/8/2016	1:00 PM	11/8/2016	1:00 PM	N/A	N/A	11/18/2016	9:00 AM	236	236	routed to gas sales line	0	0	N/A
7	30231119800			BARNETT 9-10 2-1H36		10/11/2016	10:00 AM	10/11/2016	10:00 AM	N/A	N/A	11/4/2016	8:25 AM	575	575	routed to gas sales line	0	0	N/A
8	30231119900			BARNETT 9-10 3-1H36		10/12/2016	12:00 PM	10/12/2016	12:00 PM	N/A	N/A	10/27/2016	9:00 AM	358	358	routed to gas sales line	0	0	N/A
9	31451155700			BEAVERS 9-8 5-22H26		4/29/2017	9:00 AM	4/29/2017	9:00 AM	N/A	N/A	6/21/2017	6:00 AM	1269	1269	routed to gas sales line	0	0	N/A
10	30291138900			BECK CATHERINE 8-17 2-26H		10/8/2015	12:00 PM	10/8/2015	12:00 PM	N/A	N/A	10/27/2015	11:00 AM	455	455	routed to gas sales line	0	0	N/A
11	30451058100			BENNETT TRUST 8-12 6-11H3	8/26/2016	10:15 AM	8/26/2016	10:15 AM	N/A	N/A	9/12/2016	5:00 AM	403	403	routed to gas sales line	0	0	N/A	
12	30291145000			BOYLE 8-16 10-11H23	11/25/2015	2:20 PM	11/25/2015	2:20 PM	N/A	N/A	12/4/2015	9:00 AM	211	211	routed to gas sales line	0	0	N/A	
13	30291144600			BOYLE 8-16 6-11H14	11/25/2015	3:00 PM	11/25/2015	3:00 PM	N/A	N/A	12/13/2015	8:00 AM	425	425	routed to gas sales line	0	0	N/A	
14	30291144700			BOYLE 8-16 7-11H23	11/25/2015	3:20 PM	11/25/2015	3:20 PM	N/A	N/A	12/22/2015	9:00 AM	641	641	routed to gas sales line	0	0	N/A	
15	30291144800			BOYLE 8-16 8-11H23	11/25/2015	3:10 PM	11/25/2015	3:10 PM	N/A	N/A	12/10/2015	9:00 AM	354	354	routed to gas sales line	0	0	N/A	
16	30291144900			BOYLE 8-16 9-11H23	11/25/2015	3:00 PM	11/25/2015	3:00 PM	N/A	N/A	12/11/2015	9:00 AM	378	378	routed to gas sales line	0	0	N/A	
17	30291141200			BRYANT RALPH 9-14 15-16H9	9/30/2015	9:00 AM	9/30/2015	9:00 AM	N/A	N/A	10/9/2015	1:00 PM	218	218	routed to gas sales line	0	0	N/A	
18	31451153900			COOK 9-8 12-25H31	6/27/2016	3:10 PM	6/27/2016	3:10 PM	N/A	N/A	11/10/2016	11:00 AM	813	813	routed to gas sales line	0	0	N/A	
19	31451154100			COOK 9-8 14-25H36	5/13/2017	12:00 PM	5/13/2017	12:00 PM	N/A	N/A	10/3/2017	10:00 AM	3116	3116	routed to gas sales line	0	0	N/A	
20	31451154200			COOK 9-8 15-25H1	5/13/2017	12:00 PM	5/13/2017	12:00 PM	N/A	N/A	9/8/2017	7:00 AM	2827	2827	routed to gas sales line	0	1.2	no combustion unit available onsite	
21	30231116300			DECKARD 10-9 2-3H	10/26/2016	10:00 AM	10/26/2016	10:00 AM	N/A	N/A	11/18/2016	8:00 AM	550	550	routed to gas sales line	0	0	N/A	
22	30231116400			DECKARD 10-9 3-3H	10/26/2016	9:00 AM	10/26/2016	9:00 AM	N/A	N/A	11/15/2016	12:00 PM	483	483	routed to gas sales line	0	0	N/A	
23	30231116500			DECKARD 10-9 4-3H	10/26/2016	9:00 AM	10/26/2016	9:00 AM	N/A	N/A	11/21/2016	10:00 AM	625	625	routed to gas sales line	0	0	N/A	
24	30451052600			DENNIS 8-13 5-20H17	7/20/2016	10:20 AM	7/20/2016	10:20 AM	N/A	N/A	8/1/2016	6:00 AM	284	284	routed to gas sales line	0	0	N/A	
25	30451052700			DENNIS 8-13 6-20H17	7/22/2016	5:00 AM	7/22/2016	5:00 AM	N/A	N/A	8/1/2016	6:00 AM	241	241	routed to gas sales line	0	0	N/A	
26	30451059600			DENNIS 8-13 8-20H21	1/20/2017	7:00 PM	1/20/2017	7:00 PM	N/A	N/A	1/27/2017	8:00 AM	157	157	routed to gas sales line	0	0	N/A	
27	30451059700			DENNIS 8-13 9-20H16	1/20/2017	7:00 PM	1/20/2017	7:00 PM	N/A	N/A	2/6/2017	8:00 AM	397	397	routed to gas sales line	0	0	N/A	
28	30291143600			DESALVO TONY 8-14 2-6H36	12/7/2016	12:00 PM	12/7/2016	12:00 PM	N/A	N/A	12/27/2016	8:00 AM	476	476	routed to gas sales line	0	0	N/A	
29	30291143700			DESALVO TONY 8-14 3-6H31	12/7/2016	3:50 PM	12/7/2016	3:50 PM	N/A	N/A	12/27/2016	8:00 AM	472	472	routed to gas sales line	0	0	N/A	
30	30231116900			DUDECK LAND 11-10 5-17H8	12/27/2016	1:00 PM	12/27/2016	1:00 PM	N/A	N/A	1/10/2017	9:00 AM	332	332	routed to gas sales line	0	0	N/A	
31	30231117000			DUDECK LAND 11-10 6-17H8	12/27/2016	1:00 PM	12/27/2016	1:00 PM	N/A	N/A	1/18/2017	9:00 AM	524	524	routed to gas sales line	0	0	N/A	
32	30231117100			DUDECK LAND 11-10 7-17H8	12/27/2016	3:00 PM	12/27/2016	3:00 PM	N/A	N/A	1/25/2017	11:00 AM	692	692	routed to gas sales line	0	0	N/A	
33	30231117200			DUDECK LAND 11-10 8-17H8	12/27/2016	10:00 AM	12/27/2016	10:00 AM	N/A	N/A	1/20/2017	10:00 AM	576	576	routed to gas sales line	0	0	N/A	
34	30231122400			DUDECK LAND 11-10 9-17H8	12/27/2016	12:00 PM	12/27/2016	12:00 PM	N/A	N/A	1/18/2017	10:00 AM	526	526	routed to gas sales line	0	0	N/A	
35	31411184600			EDWARDS J 9-14 7-36H26	2/10/2016	9:00 AM	2/10/2016	9:00 AM	N/A	N/A	2/29/2016	8:00 AM	289	289	routed to gas sales line	0	0	N/A	
36	31411184700			EDWARDS J 9-14 8-36H26	2/22/2016	2:00 PM	2/22/2016	2:00 PM	N/A	N/A	3/6/2016	7:00 AM	305	305	routed to gas sales line	0	0	N/A	
37	31411184800			EDWARDS J 9-14 9-36H26	2/10/2016	9:00 AM	2/10/2016	9:00 AM	N/A	N/A	2/18/2016	3:00 PM	198	198	routed to gas sales line	0	0	N/A	
38	31451152200			ENGLISH 9-8 10-27H35	3/10/2017	2:00 PM	3/10/2017	2:00 PM	N/A	N/A	5/1/2017	10:00 AM	1244	1244	routed to gas sales line	0	0	N/A	
39	31451155800			ENGLISH 9-8 11-27H35	11/6/2015	10:00 PM	11/6/2015	10:00 PM	N/A	N/A	12/12/2015	9:00 AM	863	863	routed to gas sales line	0	0	N/A	
40	31451155900			ENGLISH 9-8 12-27H35	11/5/2015	3:00 PM	11/5/2015	3:00 PM	N/A	N/A	12/7/2015	10:00 AM	763	763	routed to gas sales line	0	0	N/A	
41	31451156600			ENGLISH															



(b) (9)

90	31451149900		PARNELL 10-7 9-21H16	10/23/2015	10:20 AM	10/23/2015	10:20 AM	N/A	N/A	11/11/2015	11:30 AM	457	457	routed to gas sales line	0	0	N/A
91	30231124900		PEARCE 9-10 2-SH32	3/26/2017	8:50 AM	3/26/2017	8:50 AM	N/A	N/A	4/7/2017	9:10 AM	294	294	routed to gas sales line	0	0	N/A
92	30231125000		PEARCE 9-10 3-SH32	3/25/2017	2:10 PM	3/25/2017	2:10 PM	N/A	N/A	4/18/2017	9:00 AM	570	570	routed to gas sales line	0	0	N/A
93	30231125100		PEARCE 9-10 4-SH32	3/25/2017	2:10 PM	3/25/2017	2:10 PM	N/A	N/A	4/6/2017	7:00 AM	281	281	routed to gas sales line	0	0	N/A
94	30231110700		ROB-WIN 10-9 4-29H32	12/11/2015	11:15 AM	12/11/2015	11:15 AM	N/A	N/A	12/27/2015	9:00 AM	382	382	routed to gas sales line	0	0	N/A
95	30231110800		ROB-WIN 10-9 5-29H32	12/11/2015	11:15 AM	12/11/2015	11:15 AM	N/A	N/A	12/20/2015	4:00 PM	221	221	routed to gas sales line	0	0	N/A
96	30231110900		ROB-WIN 10-9 6-29H32	12/11/2015	10:48 AM	12/11/2015	10:48 AM	N/A	N/A	12/19/2015	11:00 AM	193	193	routed to gas sales line	0	0	N/A
97	31451156100		STONE 9-8 6-12H24	10/21/2015	11:00 AM	10/21/2015	11:00 AM	N/A	N/A	12/1/2015	9:00 AM	982	982	routed to gas sales line	0	0	N/A
98	30291139200		VAUGHAN 9-17 10-22H21	9/25/2016	11:08 AM	9/25/2016	11:08 AM	N/A	N/A	10/13/2016	12:00 PM	433	433	routed to gas sales line	0	0	N/A
99	30291139000		VAUGHAN 9-17 8-22H26	9/25/2016	12:00 PM	9/25/2016	12:00 PM	N/A	N/A	10/17/2016	8:00 AM	524	524	routed to gas sales line	0	0	N/A
100	30291139100		VAUGHAN 9-17 9-22H26	9/25/2016	12:30 PM	9/25/2016	12:30 PM	N/A	N/A	10/6/2017	10:00 AM	262	262	routed to gas sales line	0	0	N/A
101	31451148400		WOOD LUMBER COMPANY 9-7 6-10H	10/31/2015	10:00 AM	10/31/2015	10:00 AM	N/A	N/A	11/8/2015	10:00 AM	192	192	routed to gas sales line	0	0	N/A
102	31451149500		WOOD LUMBER COMPANY 9-7 7-10H11	10/31/2015	11:00 AM	10/31/2015	11:00 AM	N/A	N/A	11/4/2015	9:00 AM	94	94	routed to gas sales line	0	0	N/A
103	31451149600		WOOD LUMBER COMPANY 9-7 8-10H11	10/31/2015	10:00 AM	10/31/2015	10:00 AM	N/A	N/A	11/8/2015	10:00 AM	187	187	routed to gas sales line	0	0	N/A
104	30231125300		WHITEHURST 10-10 9-36H30	8/12/2017	1:40 PM	8/12/2017	1:40 PM	N/A	N/A	8/22/2017	7:00 AM	234	234	routed to gas sales line	0	0	N/A

For the collection of fugitive emissions components at each well site and the collection of fugitive emissions components at each compressor station within the company-defined area, an owner or operator must include the records of each monitoring survey including the information specified in paragraphs (b)(7)(i) through (ii) of this section in all annual reports:

Facility Record No. *	Identification of Each Affected Facility * (\$60.5420a(b)(1))	Date of Survey * (\$60.5420a(b)(7)(i))	Survey Begin Time * (\$60.5420a(b)(7)(ii))	Survey End Time * (\$60.5420a(b)(7)(iii))	Name of Surveyor * (\$60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (\$60.5420a(b)(7)(iv))	Sky Conditions During Survey * (\$60.5420a(b)(7)(v))	Maximum Wind Speed During Survey * (\$60.5420a(b)(7)(vi))	Monitoring Instrument Used * (\$60.5420a(b)(7)(vii))	Deviations From Monitoring Plan (If none, state none.) * (\$60.5420a(b)(7)(viii))	Type of Component for which Fugitive Emissions Detected * (\$60.5420a(b)(7)(ix))	Number of Each Component Type for which Fugitive Emissions Detected * (\$60.5420a(b)(7)(x))	Type of Component Not Repaired as Required in § 60.5397a(h) * (\$60.5420a(b)(7)(xi))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (\$60.5420a(b)(7)(xii))	Type of Difficult-to-Monitor Components Monitored * (\$60.5420a(b)(7)(xiii))	Number of Each Difficult-to-Monitor Component Type Monitored * (\$60.5420a(b)(7)(xiv))	Type of Unsafe-to-Monitor Component Monitored * (\$60.5420a(b)(7)(xv))	Number of Each Unsafe-to-Monitor Component Type Monitored * (\$60.5420a(b)(7)(xvi))	Date of Successful Repair of Fugitive Emissions Component * (\$60.5420a(b)(7)(xvii))	Type of Component Placed on Delay of Repair * (\$60.5420a(b)(7)(xviii))	Number of Each Component Type Placed on Delay of Repair * (\$60.5420a(b)(7)(xix))	Explanation for Delay of Repair * (\$60.5420a(b)(7)(xx))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (\$60.5420a(b)(7)(xxi))	Training and Experience of Surveyor * (\$60.5420a(b)(7)(xxii))
1	AUSTIN 11-9 1-33H28	1/20/2017				56	Overcast	4	Opgal EyeCGas															
2	AUSTIN 11-9 2-33H28	1/20/2017				56	Overcast	4	Opgal EyeCGas															
3	AUSTIN 11-9 3-33H28	1/20/2017				56	Overcast	4	Opgal EyeCGas															
4	AUSTIN 11-9 4-33H27	1/20/2017				56	Overcast	4	Opgal EyeCGas															
5	AUSTIN 11-9 5-33H	1/20/2017				56	Overcast	4	Opgal EyeCGas															
6	AUSTIN 11-9 7-33H9	1/20/2017				56	Overcast	4	Opgal EyeCGas															
7	BARNETT 9-10 2-1H36	2/22/2017				58	Overcast	8	Opgal EyeCGas															
8	BARNETT 9-10 9-1H36	2/22/2017				58	Overcast	8	Opgal EyeCGas															
9	BEAVERS 9-8 5-22H26	6/29/2017	9:30 AM	9:45 AM		85	Heavy Clouds	4	Opgal EyeCGas															
10	BECK CATHERINE 8-17 2-26H	6/10/16				77	Clear	1	Opgal EyeCGas															
11	BENNETT TRUST 8-12 6-11H3	9/17/2017				60	Overcast	6	Opgal EyeCGas															
12	BOYLE 8-16 10-11H23	6/8/16				76	Clear	2	Opgal EyeCGas															
13	BOYLE 8-16 6-11H14	6/8/16				76	Clear	2	Opgal EyeCGas															
14	BOYLE 8-16 7-11H23	6/8/16				76	Clear	2	Opgal EyeCGas															
15	BOYLE 8-16 8-11H23	6/8/16				76	Clear	2	Opgal EyeCGas															
16	BOYLE 8-16 9-11H23	6/8/16				76	Clear	2	Opgal EyeCGas															
17	BRYANT RALPH 9-14 15-16H9	5/9/2017	8:20 AM	8:30 AM		66	Clear	2	Opgal EyeCGas															
18	COOK 9-8 12-25H31	2/21/2017				58	Heavy Clouds	4	Opgal EyeCGas															
19	COOK 9-8 14-25H36	6/29/2017	8:30 AM	8:45 AM		85	Heavy Clouds	4	Opgal EyeCGas															
20	COOK 9-8 15-25H1	6/29/2017	8:45 AM	9:00 AM		85	Heavy Clouds	4	Opgal EyeCGas															
21	DECKARD 10-9 2-3H	1/20/2017				56	Overcast	2	Opgal EyeCGas															
22	DECKARD 10-9 3-3H	1/20/2017				56	Overcast	2	Opgal EyeCGas															
23	DECKARD 10-9 4-3H	1/20/2017				56	Overcast	2	Opgal EyeCGas															
24	DENNIS 8-13 5-20H17	9/31/2017	7:15 AM	7:25 AM		73	Heavy Clouds	5	Opgal EyeCGas															
25	DENNIS 8-13 6-20H17	9/31/2017	7:25 AM	7:35 AM		73	Heavy Clouds	5	Opgal EyeCGas															
26	DENNIS 8-13 8-20H21	9/31/2017	7:35 AM	7:45 AM		73	Heavy Clouds	5	Opgal EyeCGas															
27	DENNIS 8-13 9-20H16	9/31/2017	7:45 AM	7:55 AM		73	Heavy Clouds	5	Opgal EyeCGas															
28	DESALVO TONY 8-14 2-6H36	2/2/2017				46	Overcast	10	Opgal EyeCGas															
29	DESALVO TONY 8-14 3-6H31	2/2/2017				46	Overcast	10	Opgal EyeCGas															
30	DUDECK LAND 11-10 5-17H8	2/21/2017				58	Overcast	1	Opgal EyeCGas															
31	DUDECK LAND 11-10 6-17H8	2/21/2017				58	Overcast	1	Opgal EyeCGas															
32	DUDECK LAND 11-10 7-17H8	2/21/2017				58	Overcast	1	Opgal EyeCGas															
33	DUDECK LAND 11-10 8-17H8	2/21/2017				58	Overcast	1	Opgal EyeCGas															
34	DUDECK LAND 11-10 9-17H8	2/21/2017				58	Overcast	1	Opgal EyeCGas															
35	EDWARDS 19-14 7-36H26	5/23/2017	11:30 AM	11:38 AM		63	Light Clouds	3	Opgal EyeCGas															
36	EDWARDS 19-14 8-36H26	5/23/2017	11:38 AM	11:46 AM		63	Light Clouds	3	Opgal EyeCGas															
37	EDWARDS 19-14 9-36H26	5/23/2017	11:46 AM	11:54 AM		63	Light Clouds	3	Opgal EyeCGas															
38	ENGLISH 9-8 10-27H35	5/12/2017	9:45 AM	9:55 AM		61	Heavy Clouds	1	Opgal EyeCGas															
39	ENGLISH 9-8 11-27H35	2/21/2017				58	Overcast	3	Opgal EyeCGas															
40	ENGLISH 9-8 12-27H35	2/21/2017				58	Overcast	3	Opgal EyeCGas															
41	ENGLISH 9-8 13-27H21	5/12/2017	9:05 AM	9:15 AM		61	Heavy Clouds	1	Opgal EyeCGas		Tubing ESD Valve	1		0					5/17/2017				Opgal EyeCGas	
42	ENGLISH 9-8 14-27H21	5/12/2017	8:45 AM	8:55 AM		61	Heavy Clouds	1	Opgal EyeCGas															
43	ENGLISH 9-8 15-27H21	5/12/2017	8:55 AM	9:05 AM		61	Heavy Clouds	1	Opgal EyeCGas															
44	ENGLISH 9-8 16-27H34	5/12/2017	9:25 AM	9:35 AM		61	Heavy Clouds	1	Opgal EyeCGas		Casing ESD Valve	1		0					5/17/2017				Opgal EyeCGas	
45	ENGLISH 9-8 17-27H22	5/12/2017	9:15 AM	9:25 AM		61	Heavy Clouds	1	Opgal EyeCGas		Wellhead Easy Drive Connector	1		0					5/12/2017				Opgal EyeCGas	
46	ENGLISH 9-8 19-27H22	5/12/2017	9:35 AM	9:45 AM		61	Heavy Clouds	1	Opgal EyeCGas															
47	HALBROOK 9-16 4-18H ST1	2/18/16				55	Clear	7	Opgal EyeCGas															
48	HALBROOK 9-16 5-18H	2/18/16				55	Clear	7	Opgal EyeCGas															
49	HARRIS 8-13 4-19H	5/31/2017	9:01 AM	9:13 AM		65	Light Clouds	6	Opgal EyeCGas															
50	HARRIS 8-13 5-19H	5/31/2017	9:13 AM	9:25 AM		65	Light Clouds	6	Opgal EyeCGas															
51	HARRIS WELDON 9-9 3-11H2 ST1	2/27/2017				52	Overcast	5	Opgal EyeCGas															
52	HARRIS WELDON 9-9 4-11H2	2/27/2017				52	Overcast	5	Opgal EyeCGas		Pressure Control ASCO	1		0					3/10/2017				Opgal EyeCGas	
53	HARRIS WELDON 9-9 5-11H2	2/27/2017				52	Overcast	5	Opgal EyeCGas		Pressure Control ASCO	1		0					3/10/2017				Opgal EyeCGas	
54	HARRIS WELDON 9-9 6-11H2	2/27/2017				52	Overcast	5	Opgal EyeCGas															
55	HARRIS WELDON 9-9 7-11H2	5/18/2017	9:45 AM	9:55 AM		76	Heavy Clouds	5	Opgal EyeCGas															
56	HARRIS WELDON 9-9 8-11H2	5/18/2017	9:55 AM	10:05 AM		76	Heavy Clouds	5	Opgal EyeCGas															
57	HARRIS WELDON 9-9 9-11H1	5/18/2017	10:05 AM	10:15 AM		76	Heavy Clouds	5	Opgal EyeCGas															
58	INGRAM 9-17 6-34H28	2/2/16				50	Clear	8	Opgal EyeCGas															
59	INGRAM 9-17 7-34H28	5/27/16				74	Overcast	4	Opgal EyeCGas															
60	LAWRENCE 8-12 4-10H15	3/14/2017				37	Overcast	5	Opgal EyeCGas															
61	LAWRENCE 8-12 5-10H15	3/14/2017				37	Overcast	5	Opgal EyeCGas															
62	LAWRENCE 8-12 6-10H15	3/14/2017				37	Overcast	5	Opgal EyeCGas															
63	LEDBETTER TRUST 7-14 2-5H4	5/19/2017	8:10 AM	8:20 AM		79	Heavy Clouds	2	Opgal EyeCGas															
64	LEDBETTER TRUST 7-14 4-5H4	5/19/2017	8:20 AM	8:30 AM		79	Heavy Clouds	2	Opgal EyeCGas															
65	LEDBETTER TRUST 7-14 5-5H4	5/19/2017	8:30 AM	8:40 AM		79	Heavy Clouds	2	Opgal EyeCGas															
66	MARINES 10-12 1-12H1	3/29/2017	10:00 AM	10:10 AM		77	Heavy Clouds	5	Opgal EyeCGas															
67	MARINES 10-12 2-12H1	3/29/2017	10:10 AM	10:20 AM		77	Heavy Clouds	5	Opgal EyeCGas															
68	MCMILLEN 8-14 4-35H ST2	5/18/2017	8:50 AM	9:00 AM		74	Heavy Clouds	5	Opgal EyeCGas															
69	MCMILLEN 8-14 5-35H36 ST1	5/18/2017	9:00 AM	9:10 AM		74	Heavy Clouds	5	Opgal EyeCGas															
70	MCMILLEN 8-14 6-35H ST1	5/18/2017	9:10 AM	9:20 AM		74	Heavy Clouds	5	Opgal EyeCGas															
71	MCMILLEN 8-14 7-35H	5/18/2017	9:20 AM	9:30 AM		74	Heavy Clouds	5	Opgal EyeCGas															
72	MCMILLEN 8-14 8-35H	5/18/2017	9:30 AM	9:40 AM		74	Heavy Clouds	5	Opgal EyeCGas															
73	MCNEW 9-16 10-2H34	6/16/16	10:20 AM	10:30 AM		86	Clear	0	Opgal EyeCGas															
74	MCNEW 9-16 7-2H34	6/16/16	9:50 AM	10:00 AM		86																		



**40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After**  
For each pneumatic pump affected facility, an owner or operator must include the information specified in paragraphs (b)(8)(i) through (iii) of this section in all annual reports:

The asterisk (\*) next to each field indicates that the corresponding field is required.

Facility Record No. *	Identification of Each Pump * (\$60.5420a(b)(1))	Was the pneumatic pump constructed, modified, or reconstructed during the reporting period? * (\$60.5420a(b)(8)(i))	Which condition does the pneumatic pump meet? * (\$60.5420a(b)(8)(i))	If your route emissions to a control device and the control device is designed to achieve <95% emissions reduction, specify the percent emissions reduction. * (\$60.5420a(b)(8)(i)(C))
1	2177871	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
2	2196181	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
3	4031322	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
4	4024737	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
5	2127092	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
6	2127122	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
7	4031339	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
8	2124161	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
9	2034590	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
10	2096368	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
11	1105	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
12	6075	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
14	5030	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
15	2135397	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
16	2196182	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
17	2096390	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
18	4024729	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
19	2231668	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
20	2196892	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
21	2230432	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
22	4016118	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
23	4024735	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
24	2092437	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
25	7006232	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
26	2096387	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
27	2196171	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
28	7006225	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
29	2177850	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
30	2135394	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
31	7009099	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	

32	4018549	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
33	2034588	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
34	2135398	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
35	7009109	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
36	2092435	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
37	4078721	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
38	7009108	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
39	2135406	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
40	2231664	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
41	2196172	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
42	2039473	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
43	2127126	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
44	2034593	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
45	4032243	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
46	2203311	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
47	2135405	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
48	4032240	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
49	7009105	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
50	4031336	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
51	4078707	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
52	2034595	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
53	2135400	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
54	7015204	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
55	2124218	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
56	2177854	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
57	2124155	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
58	2135392	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
59	2077639	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
60	2077640	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
61	2076819	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
62	2124214	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
63	2034608	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
64	4024720	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
65	212439	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
66	2124206	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
67	2186027	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
68	2331976	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
69	2196175	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
70	2177852	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
71	2211319	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
72	2231681	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
73	2124207	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
74	4032245	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	

75	4024721	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
76	2096359	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
77	7015211	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
78	2107261	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
79	4024710	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
80	4031338	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
81	2211308	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
82	2107260	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
83	2135407	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
84	2124141	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
85	2034586	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
86	2096397	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
87	4078720	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
88	2126482	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
89	2127094	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
90	2096379	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
91	4078714	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
92	2077649	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
93	2222090	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
94	2077628	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
95	4031326	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
96	2077636	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
97	2177857	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
98	7015213	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
99	2107259	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
100	2096400	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
101	2225894	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
102	2231678	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
103	1732566	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
104	1660253	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
105	2135402	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
106	2034585	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
107	2124209	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
108	2241208	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
109	2034589	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
110	2076795	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
111	2034596	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
112	2177858	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
113	2135404	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
114	1654972	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
115	2196193	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
116	2177861	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
117	2216720	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	

118	2211299	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
119	2177856	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
120	2107254	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
121	2124201	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
122	2124151	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
123	4021289	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
124	4015651	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	
125	2096366	constructed	§60.5420a(8)(iii)(i)(A) - No control device or process available on site	